



# DECORATIVE SHAPED LED EMERGENCY LIGHT | 700 LUMEN | LIFEPO4 BATTERY

Code: EL-THO



The EL-THO series combines traditional emergency lighting and energy efficiency LED performance with a thin, low profile design.



**Compatible Battery:** 6.4V 2000mAh

**Compatible Remote Head(s):** [RHP-L-3V](#), [RHB-L-MV](#), [RHB-WPL-MV](#)

To use with remote heads, please change the **Operation Type** above to **Battery Backup + Remote Head Capable** to ensure compatibility. Code at time of checkout must read: **EL-THO-W-RH**.

## FEATURES

- UL 924, NEC, OSHA, and NFPA 101 Life Safety Code
- Listed for damp location
- Two fully adjustable, glare-free LED lighting heads
- LED indicator light with push-to-test switch
- Lightweight, injection molded, 5VA flame retardant thermoplastic housing
- 120-277VAC 50/60Hz operation
- Universal mounting plate
- Short circuit, voltage surge, brown out and low battery voltage disconnect protected

## WARRANTY INFORMATION

Any component that fails due to manufacturer's defect is guaranteed for 1 year. The warranty only covers products installed and maintained in accordance with the instructions provided by their respective manufacturer and no warranty is made with respect to any of our products that are otherwise installed or maintained. For full warranty details, visit our [Warranty Section](#).

## Conformance to Codes and Standards

The EL-THO series is UL listed and meets or exceeds the following: UL 924, NEC, OSHA and NFPA 101 Life Safety Code requirements.

## ORDERING INFORMATION

Series	Housing Color	Operation Type
EL-THO	W (White)	RH (Remote Head Capable)
	B (Black)	

CONSTRUCTION

The EL-THO Thin Series Emergency Light is constructed from injection-molded, engineer-grade, 5VA flame retardant thermoplastic. White housing is standard.

ILLUMINATION

The EL-THO Thin Series Emergency Light uses long-lasting, efficient ultra bright white LEDs. Fully adjustable LED lamp heads equipped with 4 white LEDs each. Lamp heads are on track-and-swivel arrangement allowing lamp heads to be fully adjustable.

ELECTRICAL COMPONENTS

Universal voltage input 120-277VAC 50/60Hz operation. LED display indicates AC/ON. An external push button test switch allows maintenance personnel to quickly determine the operational status of the unit. Unit offers surge protected, solid state circuitry.

EMERGENCY OPERATION

Upon failure of the normal utility power, an internal solidstate transfer switch automatically provides uninterrupted emergency operation for at least 90 minutes. If remote head capability is used without connecting additional remote heads, the battey can provide a run-time of 180 minutes. The fully automatic solid-state, two-rate charger initiates battery charging to recharge a discharged battery in 24 hours.

BATTERY - BATTERY BACKUP

The EL-SBHO Super Bright Series Emergency Light is designed with a maintenance-free 6.4V 2000mAh LiFePO4 battery that provides a minimum emergency duration of 90 minutes. LiFePO4 batteries are known for their longevity, safety, and efficiency. With LiFePO4 batteries, safety is paramount – their formulation, lithium iron phosphate, is highly resistant to overheating and fire hazards. They are backed by an integrated battery management system (BMS) to prevent overcharge, over-discharge, and short-circuiting, ensuring peace of mind for users. Recharge time of the battery is 24 hours.

PHOTOMETRICS

Suggested mounting height of 7.5ft illuminates 1 footcandle (FC) **spaced at 75ft for a 3ft path of egress.**

Mounting height of 10ft illuminates 1 footcandle (FC) **spaced at 70ft for a 3ft path of egress.**

Disclosure:

Spacing is measured in lab condition with an assumed open space, no obstruction and reflection rates of 80 (ceiling) / 50 (walls) / 20 (floor). Actual spacing may vary depending on what environment the fixture is installed in.

OPERATIONAL TEMPERATURE

Temperature Ratings	
Series	Temperature
Standard Option	41°F to 122°F

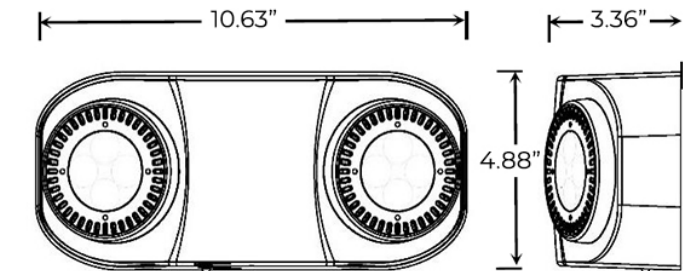
REMOTE HEAD CAPABLE OPTION

The remote head capability option allows the EL-THO unit to supply power to up to two additional (up to 4W) 6V LED remote heads. The remote heads would then operate on the same emergency mode as the standard units (see Emergency Operation Section).

INSTALLATION

The EL-THO Series Emergency Light is suitable for wall or ceiling mount. Snap together design allows for quick and easy installation. Conduit mount knockout on back plate only.

DIMENSIONS



Weight : 6.00 lb

